

Previously-Published, Current, and Ongoing Research Being Done in SD Related to Diabetes
Accomplishes Strategy #10.1 in the *South Dakota Diabetes State Plan 2007-2009*
 Completed through a collaboration between the SDSU/USD University Partners in Health
 Promotion and the SD Diabetes Prevention & Control Program-5/08

Diabetes Research in South Dakota				
<u>Author's Name</u>	<u>Facility</u>	<u>Co-Author</u>	<u>Research Title</u>	<u>Year Published</u>
1. WilliamS Harris	USD Medical School	KJ Reid, SA Sands	Blood omega-3 and trans fatty acids in middle-aged acute coronary syndrome patients	Jan-07
2. Jane R Mort	SDSU Pharmacy	JC Delafuente, PS Odegard	Geriatric content in pharmacotherapy and therapeutics textbooks	Dec-06
3. SF Hutton	SDSU Clinical Pharmacy		Byetta (exenatide): what's your gut feeling?	Jan-06
4. Nancy L Fahrenwald	SDSU Nursing	W Stabnow	Sociocultural perspective on organ and tissue donation among reservation-dwelling American Indian adults	Nov-05
5. LG Best	Missouri Breaks Industries Research Inc.	Y Zhang, ET Lee, JL Yeh, L Cowan, V Palmieri, M Roman, RB Devereux, RR Fabsitz, RP Tracy, D Robbins, M Davidson, A Ahmed, BV Howard	C-reactive protein as a predictor of cardiovascular risk in a population with a high prevalence of diabetes: the Strong Heart Study	Aug-05
6. M Sonee	SDSU Pharmacy	T Sum, C Wang, SK Mukherjee	The soy isoflavone, genistein, protects human cortical neuronal cells from oxidative stress	Sep-04
7. M Natarajan	USD School of Medicine	C Larson, ET Zawada Jr	Ischemic nephropathy in South Dakota: case reports and review	Sep-04
8. MC Morris	Avera McKennan Transplant Institute	RN Santella, ML Aaronson, RM Jindal	Pancreas Transplantation	Jul-04
9. LG Best	Missouri Breaks Industries Research Inc.	M Davidson, KE North, JW MacCluer, Y Zhang, ET Lee, BV Howard, S	Prospective analysis of mannose-binding lectin genotypes and coronary artery disease in American Indians: the Strong Heart	Feb-04

		DeCroo, RE Ferrell	Study	
10. CD Brown	Sioux San HIS Hospital Eye Clinic		A comparative study of panretinal photocoagulation and vitrectomy for advanced diabetic retinopathy	Jul-03
11. AM Ahmed	University of Bahr Elghazal Medical		History of diabetes mellitus	Apr-02
12. TK Welty	Aberdeen Area Tribal Chairmen's Health Board	DA Rhoades, F Yeh, ET Lee, LD Cowan, RR Fabsitz, DC Robbins, RB Devereux, JA Henderson, BV Howard	Changes in cardiovascular disease risk factors among American Indians; The Strong Heart Study	Feb-05
13. J Li	SDSU Pharmacy	K Kamath, C Dwiveti	Gellan film as an implant for insulin delivery	Apr-01
14. AD Hilton	28th Aeromedical Dental Squadron, Ellsworth AFB	TA Hursh	Type 2 diabetes in an aviator, protein diet vs. traditional diet: case report	Mar-01
15. AM Ahmed	University of Bahr Elghazal Medical	A Hussein, NH Ahmed	Diabetic autonomic neuropathy	Nov-00
16. J Giroux	Epidemiology Program, Aberdeen Indian Health Service Area	TK Welty, FK Oliver, JS Kaur, G Leonardson, H Cobb	Low national breast and cervical cancer-screening rates in American Indian and Alaska Native women with diabetes	Nov/Dec-00
17. X Guan	SDSU Pharmacy	MR Davis, C Tang, CM Jochheim, L Jin, TA Baillie	Identification of S-(n- butylcarbamoyl)glutathione, a reactive carbamoylating metabolite of tolbutamide in the rat, and evaluation of its inhibitory effects on glutathione reductase in vitro	Dec-99
18. KA Stone	Rapid City Regional Hospital Family Practice Residency Program		Lithium-induced nephrogenic diabetes insipidus	Jan/Feb- 99
19. K Korn	Student Health Services USD		Diabetes mellitus information on the Internet	Feb-98
20. PJ Singh	USD School of Medicine, Dept	RN Santella,	Gastrointestinal prokinetic agents for enhancing drug	Nov-97

	of Internal Medicine	ET Zawada	response in gastroparesis	
21. ST Guse	USD School of Medicine	FG Alvine	Treatment of diabetic foot ulcers and Charcot neuroarthropathy using the patellar tendon-bearing brace	Oct-97
22. S Mahmoodian	Epidemiology Program, Aberdeen Area Indian Health Service		Cervical and breast cancer screening rates in Sioux Indian women	Mar-97
23. TK Welty	Epidemiology Program, Aberdeen Area Indian Health Service	DA Rhoades, F Yeh, ET Lee, LD Cowan, RR Fabsitz, DC Robbins, RB Devereux, JA Henderson, BV Howard	Cardiovascular disease risk factors among American Indians. The Strong Heart Study	Aug-95
24. MS Hein	USD School of Medicine, Physiology & Pharmacology	EH Schlenker, KP Patel	Altered control of ventilation in streptozotocin-induced diabetic rats	Nov-94
25. TK Welty	Epidemiology Program, Aberdeen Area Indian Health Service	N Zephier, K Schweigman, B Blake, G Leonardson	Cancer risk factors in three Sioux tribes. Use of the Indian-specific health risk appraisal for data collection and analysis	Oct/Dec-93
26. TK Welty	Aberdeen Area Indian Health Services	JL Coulehan	Cardiovascular disease among American Indians and Alaska Natives	Jan-93
27. RM Stahn	Department of Epidemiology, Aberdeen Area Indian Health Service	D Gohdes, SE Valway	Diabetes and its complications among selected tribes in North Dakota, South Dakota, and Nebraska	Jan-93
28. MB Patel	USD School of Medicine, Physiology & Pharmacology	PL Zhang, AC Patel, KP Patel	Altered pressure-volume relation of right atrium and venoatrial junction in diabetic rats	Oct-92
29. J Schwerin	Avera McKennan Hospital		A witness of the human spirit	Jun-92
30. PL Zhang	USD School of Medicine, Physiology & Pharmacology	MB Patel, KP Patel	Renal responses to acute volume expansion and atrial natriuretic factor in streptozotocin-induced diabetic rats	Oct-91
31. DW	USD School of Medicine,	KP Patel	Reduced renal responses to an acute saline load in	Sep-91

Zeigler	Physiology & Pharmacology		obese Zucker rats	
32. TK Welty	Epidemiology Program, Aberdeen Area Indian Health Service		Health implications of obesity in American Indians and Alaska Natives	Jun-91
33. PL Zhang	USD School of Medicine, Physiology & Pharmacology	KP Patel	Blunted diuretic and natriuretic responses to central administration of clonidine in streptozocin-induced diabetic rats	Mar-91
34. CW Mohler	South Dakota Academy of Ophthalmology	RE Smith, A Patz	Diabetes 2000. Elimination of preventable blindness from diabetes by the year 2001	Dec-90
35. R Barth	Central Plains Clinic, Sioux Falls	D Darger, G Haas, S McCollar, ML Oyos, A Sparling	Teaming up for diabetes education	Nov-90
36. KP Patel	USD School of Medicine, Physiology & Pharmacology	PL Zhang	Attenuated renal responses to atrial natriuretic factor in streptozotocin-induced diabetic rats	Mar-90
37. ML Davies	USD School of Medicine	DL Elson, D Hertz, JM McMillin	Syndrome of plasma cell dyscrasia, polyneuropathy, and diabetes mellitus	Mar-90
38. ET Zawata Jr	USD School of Internal Medicine		Metabolic considerations in the approach to diabetic hypertensive patients	Dec-89
39. KP Patel	USD School of Medicine, Physiology & Pharmacology	PL Zhang	Reduced renal responses to volume expansion in streptozotocin-induced diabetic rats	Sep-89
40. WilliamS Harris	USD Medical School	KJ Reid, SA Sands	Blood omega-3 and trans fatty acids in middle-aged acute coronary syndrome patients	Jan-07
41. Jane R Mort	SDSU Pharmacy	JC Delafuente, PS Odegard	Geriatric content in pharmacotherapy and therapeutics textbooks	Dec-06

42. Kendra Kattelman, PhD, RD, LN	Didactic Program in Dietetics / South Dakota State University		Use of the traditional Northern Plains Indian's Diet and control of Type 2 Diabetes. (Ongoing research)	
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